

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	391	(347/84 or 347/85 or 347/86) and ((air or atmosphere) with (((exit\$3 or leav\$4 or out) with (enter\$ or in or into)) or (mutual\$3 near pass\$3) or (two\$1way or two adj way)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/14 09:22
L5	4895	(347/84 or 347/85 or 347/86)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/14 09:22
L6	521	((air or atmosphere) with (((exit\$3 or leav\$4 or out) with (enter\$ or in or into)) or (mutual\$3 near pass\$3) or (two\$1way or two adj way)) with tub\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/14 09:23
L7	3	((air or atmosphere) with (((exit\$3 or leav\$4 or out) with (enter\$ or in or into)) or (mutual\$3 near pass\$3) or (two\$1way or two adj way)) with tub\$3).clm. and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/14 09:23
S1	2219	347/86.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:45
S2	28375	plastic near (case or cartridge or cover)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:45
S3	1503056	(strainer or mesh or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:45
S4	2350084	spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:45

EAST Search History

S5	8449	rubber near3 washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:46
S6	3512854	receptacle or recess or cavity or chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:46
S7	2782	inject near4 (hole or holes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:48
S8	1	S1 S2 S3 S4 S5 S6 S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S9	1	S1 S3 S4 S5 S6 S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:51
S10	1	S1 S3 S4 S6 washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:51
S11	248	S1 S3 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:56
S12	1	S11 and washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 09:56

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S13	128	S1 S3 S6 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:09
S14	58	S1 S3 S6 S4 and (inject or injection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:13
S15	42	S1 S3 S6 S4 and (inject or injection) and plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:16
S16	2	S1 S3 S6 S4 and (inject or injection) and plastic and siphon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:18
S17	2	S1 S3 S6 S4 and (inject or injection) and plastic and (siphon or funnel or extract or extraction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:25
S18	18	S1 and washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:26
S19	14	S1 and washer and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:27
S20	11	S1 and washer and spring and plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/14 10:28

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S21	1	S1 and washer and spring and plastic and (strain or strainer or mesh or screen or seive or sieve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/25 10:22
S22	2226	347/86.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/25 10:22
S23	85	(347/86.ccls. or 347/85.ccls.) and (washer or o adj ring or o\$ring) and spring and plastic and (strain or strainer or mesh or screen or seive or sieve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/10/25 10:26
S24	82	(347/86.ccls. or 347/85.ccls.) and (washer or o\$ring) and spring and plastic and (strain or strainer or mesh or screen or seive or sieve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:43
S25	2241	347/86.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/17 16:21
S26	1	10/767159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:03
S27	4157	(347/85 or 347/86 or 347/84)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:52
S28	5188	(strain\$3 or mesh or membrane) same (retain\$3 or wall or recess) same spring same washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:12

EAST Search History

S29	1	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:10
S30	10488	(strain\$3 or mesh or membrane) same (retain\$3 or wall or recess) and (spring same washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:11
S31	2	S27 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:11
S32	2	(strain\$3 or mesh or membrane) same spring same washer and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:12
S33	12	spring same washer and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:12
S34	83	(347/86.ccls. or 347/85.ccls.) and (washer or o\$ring) and spring and (strain or strainer or mesh or screen or seive or sieve) and (equibrat\$3 or tub\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:54
S35	4	("6276788" "5477963").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/22 12:14
S36	0	(wang.in. near shen near kuo near alex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:43

EAST Search History

S37	214	(wang.in. near shen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:43
S38	1	10/767159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:48
S39	1	(wang.in.) near (kuo\$shen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:45
S40	2	(wang.in.) near alex near (kuo\$shen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:47
S41	9	(pro\$techtor).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:47
S42	0	S27 and (equilibrat\$3 with tub\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:48
S43	4025	(347/85 or 347/86)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:50
S44	7	(347/86.ccls. or 347/85.ccls.) and (washer or o\$ring) same spring same (interface or entrance or deliver\$3 or exit\$4) and (strain or strainer or mesh or screen or seive or sieve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 12:56

EAST Search History

S45	1	(347/85 or 347/86 or 347/84) and ((spring) same (washer or (o\$ring)) same (strain or strainer or mesh or screen or seiv\$3 or siev\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:13
S46	1	(347/85 or 347/86 or 347/84) and ((spring or coil) same (washer or (o\$ring)) same (strain or strainer or mesh or screen or seiv\$3 or siev\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:13
S47	3	(347/85 or 347/86 or 347/84) and ((spring or coil) same (washer or (o\$ring)) same (strain or strainer or mesh or screen or seiv\$3 or siev\$3 or porous or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:13
S48	1824	S27 and (tub\$3 or equilibration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:24
S49	2	("5583549" or "6276778").pn. and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:32
S50	2	("5583549" or "6276788").pn. and pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:33
S51	28	S27 and (pressure with air) and (strain or strainer or mesh or screen or seiv\$3 or siev\$3 or porous or membrane) same (o-ring or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:35
S52	11	S27 and (tub\$3 with air) and (strain or strainer or mesh or screen or seiv\$3 or siev\$3 or porous or membrane) same (o-ring or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:40

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S53	155	(347/86.ccls. or 347/85.ccls.) and (washer or o\$ring) and spring and plastic and ((hole or tub\$3 or open\$3) with (air or pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:57
S54	69	(347/85 or 347/86 or 347/84) and ujita.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 13:52
S55	3	"20030128257"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/24 15:31
S56	1	2001-657218.NRAN.	DERWENT	AND	OFF	2006/07/22 13:57
S57	4	("5583549" or "6276778").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:06
S58	0	("5583549" or "6276778").pn. and plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:02
S59	412711	("5583549" or "6276778").pn. and plastic or polyvinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:02
S60	1	("5583549" or "6276778").pn. and (plastic or polyvinyl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:02
S61	1	("5583549" or "6276788").pn. and (plastic or polyvinyl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:02

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S62	4	("5583549" or "6276788").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:07
S63	2	("5583549" or "6276788" "1270235").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:07
S64	13	("5583549" or "6276788" "1270235").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 15:31
S66	2	"6481905".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/22 14:19
S67	0	("5583549" "6276788" "1270235"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/24 14:03
S68	13	("5583549" "6276788" "1270235"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 14:15
S69	3	("5583549" "6276788" "1270235"). pn. and (fill\$3 or re\$fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 14:23
S70	852	(347/85 or 347/86) and (strain\$3 or strainer or mesh or screen or seiv\$3 or siev\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 14:32

EAST Search History

S71	8	(347/85 or 347/86) and (strain\$3 or strainer or mesh or screen or seiv\$3 or siev\$3) with (refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 14:33
S72	1	"20030128257" and (screen or mesh or siev\$3 or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/24 14:46
S73	3	("5583549" or "6276788" "1270235").pn. and (fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/24 15:38
S74	2	"20030128257" and fill\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/24 15:32
S75	1	10/767159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 08:34
S76	0	(347/84 or 347/85 or 347/86) and (strain\$3 and spring and (wash\$3 near rubber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 08:36
S77	14	"1270235"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 08:35
S78	0	(347/84 or 347/85 or 347/86) and (mesh and spring and (wash\$3 near rubber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 08:36

EAST Search History

S79	4872	(347/84 or 347/85 or 347/86)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 08:36
S81	697	(347/84 or 347/85 or 347/86) and (tub\$3 with (air or atmospher\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:44
S82	0	(347/84 or 347/85 or 347/86) and (pro\$1techtor.as.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:03
S83	2	(347/84 or 347/85 or 347/86) and (pro\$1techtor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:14
S84	2	(347/84 or 347/85 or 347/86) and (pro\$techtor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:05
S85	36	cartridge and (pro\$techtor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:10
S86	41	martin.xa. near laura	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:12
S87	4	"20010026306"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:13

EAST Search History

S88	2	"20030085968"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:13
S89	70	(347/84 or 347/85 or 347/86) and (canon.as. and tubular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:40
S90	14	("5583549" or "1270235" or "6276788").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/05 09:41
S91	1	10/767159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:45
S92	0	(wang.in. near kuo\$shen near alex) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:47
S93	7	(wang.in. near3 kuo\$1shen near3 alex) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:49
S94	9	pro\$1techtor.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:50
S95	8	pro\$1techtor near international.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:50

EAST Search History

S96	32535	plastic near (case or cartridge or cover)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S97	1779711	(strainer or mesh or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S98	2554414	spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S99	8947	rubber near3 washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S10 0	3910725	receptacle or recess or cavity or chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S10 1	3752	inject near4 (hole or holes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S10 2	0	"347"\$3 S96 S97 S98 S99 S100 S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:51
S10 3	9	(347/84 or 347/85 or 347/86) and (tub\$3 with (air or atmospher\$4) with (enter\$3 and exit\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 14:56

EAST Search History

S10 4	23	("20020027584" "20020097284" "20020109758" "20030156173" "20040113971" "20050024453" "20050052508" "4347524" "5030973" "5367328" "5469201" "5686947" "5757390" "5835817" "5880748" "5992990" "6007160" "6022101" "6030074" "6033064" "6176572" "6315402" "6543886").PN. OR ("7210771").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/13 15:16
S10 5	989	(347/84 or 347/85 or 347/86) and (tub\$3 same (air or atmospher\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 15:51
S10 6	10	"1270235".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 15:43
S10 7	3	"6929357".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/13 15:47
S10 8	208	(347/84 or 347/85 or 347/86) and (tub\$3 same (air or atmospher\$4) with (out or exit\$3 or reliev\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/14 08:37